

What is claimed is:

1. An electrical assembly, comprising:

a guiding frame comprising a pair of spaced guiding beams and a pair of vertically spaced transverse plates interconnecting the guiding beams to define a mating port therebetween;

an electrical connector comprising:

an insulative housing comprising a mating tongue having a mating face and a plurality of passageways defined in the mating face;

a plurality of contacts retained in the insulative housing, each contact comprising a resilient arm received in a corresponding passageway, the resilient arm having a contact portion extending beyond the mating face of the mating tongue; and

a shield member surrounding the insulative housing; and

a module comprising a daughter card having a mating edge and a plurality of conductive pads arranged on one side of the mating edge, the daughter card and the electrical connector being inserted into the guiding frame and the mating edge and the mating tongue stackedly received in the mating port, the contact portions of the contacts resiliently abutting against corresponding conductive pads of the daughter card, the transverse plates tightly holding the mating edge and the mating tongue in the mating port to ensure a proper normal force between the contact and the conductive pad.

2. The electrical assembly as claimed in claim 1, wherein the guiding frame is formed with a strengthening rib interconnecting the transverse plates, and wherein the mating tongue of the electrical connector and the mating edge of the daughter card respectively define a keyway and a gap for receiving the strengthening rib.

3. The electrical assembly as claimed in claim 1, wherein each guiding beam defines a first guiding slot and a second guiding slot in an inner face thereof, and

wherein the electrical connector and the module are both formed with a pair of guiding flanges respectively received in the first and second guiding slots.

4. The electrical assembly as claimed in claim 3, wherein the first guiding slot is located above the second guiding slot.

5. The electrical assembly as claimed in claim 1, wherein the mating tongue is formed with a stopper at a distal end of each passageway, and wherein each contact comprises a distal end abutting against the stopper for pre-pressing the contact.

6. The electrical assembly as claimed in claim 1, wherein the guiding frame is formed with a transverse piece interconnecting the guiding beams and spaced from the transverse plates in a horizontal direction.

7. The electrical assembly as claimed in claim 1, wherein the insulative housing comprises a first housing defining a cavity, and a second housing received in the cavity of the first housing.

8. The electrical assembly as claimed in claim 7, wherein the first housing defines a plurality of retention holes respectively communicating with the cavity and corresponding passageways, and wherein each of the contacts comprises a tail portion retained in the second housing and a body portion engagably received in the retention hole of the first housing.

9. The electrical assembly as claimed in claim 1, wherein the module further comprises a shell attached to one side of the daughter card.

10. An electrical assembly comprising:

a card-like structure defining a mating port in a front portion;

a rib formed in said mating port and extending along a front-to-back direction;

a horizontal printed circuit board defining conductive gold fingers and a first notch on a front edge section thereof in compliance with said rib;

an electrical connector defining a mating portion in compliance with said mating port and a second notch in compliance with said rib; and

a plurality of contacts disposed in the connector; wherein

the printed circuit board is forwardly assembled to the structure under a condition that the front edge section is located in the mating port and the first notch receives said rib at one level, and the connector is rearwardly assembled to the structure under a condition that the mating portion is received in the mating port and the second notch receives said rib at another level, wherein the contacts are mechanically and electrically engaged with the corresponding gold fingers, respectively.